



VE670WN

Description: ENDURAFLEX White, soft natural rubber for food grade service and general purpose chemical resistance . FDA compliant. Exhaust Steam or Pressure Cure.

Durometer of Face Material: Shore A Scale
Pressure Cure: 45 to 55
Atmospheric Cure: 45 to 55

Available Gauges: 1/8", 3/16", 1/4"; 3/8", 1/2", 4mm, 5mm, & 6mm.

Adhesive Systems, use one or the other:
Adhesives: ENDURABOND 1*2*3 SYSTEM

1st coat on metal:	Primer #1
2nd coat on metal:	Intermediate #2
3rd coat on metal:	103 Tack
On the rubber:	103 Tack

ENDURABOND 2001 SYSTEM

1st coat on metal:	Primer 2001
2nd coat on metal:	103 Tack
On the rubber:	103 Tack

Skive: Open

Cure Methods and Times:

Autoclave: 1/8" – 1/4" – 40 min. @ 275° F (135° C) 3/8" – 1/2" – 45 min. @ 275° F (135° C)
Internal Pressure: 6 hours @ 260°F (127°C)
Atmospheric: 20 hours at 180) Step 2 – 24 hours @180°F (82°C) or 20 hours @ 200°F (94°C) Atmospheric curing not recommended for vacuum service.

Note: Cure times may require adjustment to compensate for heavy metal thickness, low exterior temperatures or other unusual factors. See Section15 – Curing Instructions.

Repairs: Repair with original lining or C510WN chemical cure repair lining. See Section 17 – Repair Procedures.

Storage Life:

From 32°F (0°C) to 50°F (10°C)	180 days
From 55°F (13°C) to 65°F (19°C)	90 days
From 70°F (21°C) to 85°F (30°C)	60 days
Above 90°F (32°C)	30 days

Typical Physical Properties

Tensile Strength – PSI	ASTM D412	2500
% Elongation at break	ASTM D412	700
Durometer	ASTM D2240	53A
Specific Gravity	ASTM D927	1.27
Adhesion to Metal	ASTM D429	30 Lbs.

Application methods shall conform to BLAIR Rubber Company instructions contained in the Engineering & Applicator manual. Deviations from the specifications must be approved by BLAIR Rubber Company.

Notes: For the best appearance of the completed rubber lining, always apply plastic side down against the substrate.

Caution: Soft natural rubber is susceptible to deterioration by sunlight and oxygen called weather checking. **Do not** expose rubber lining to sunlight, ozone or oxygen.

Applicator notes:

1. A heated table that warms rubber to 120°F is best for application.
2. The temperature of the substrate must be greater than 60° F (15° C) prior to applying primer and rubber. Temperatures should not exceed 120° F (48° C).